Imiyalelo yokuSebenzisa

Khetha Imitha yokuHamba yeNcam ye-AM3 GSM

781190\_ZAXH

Inguqulelo 01.00

yeye-Firmware [2]≥ 9.30

Itheyibhile yeziQulatho

Izalathiso sokuSebenzisa[2]4

Amanqaku ngoKhuseleko kwimiYalelo yokuSebenzisa[2]5

Isibhengezo sokuVumelana[2]5

1.[2]I-AM3 ngoKhetho lwe-GSM [3]6

2.[2]Indle yokusiphatha Gabalala[3]8

2.1[2]UKUVULA isiXhobo[3]8

2.2[2]UKUCIMA isiXhobo[3]8

3.[2]Ukwenziwa koVavanyo ngokuGqithiselwa kweNkcazelo[3]8

4.[2]Imilinganiselo yokuSebenza kwePhaphu nge-AM3[3]12

4.1[2]Ukulungiselela uMlinganiselo[3]12

4.2[2]Indlela yoKwenza Imilinganiselo nge-AM3[3]13

4.3[2]Ukuba semthethweni kweMilinganiselo ye-PEF[3]15

4.4[2]Ukwenziwa kweeSeshini eziLungiselelweyo[3]16

4.5[2]Ukuphazamisa iiSeshini eziLungiselelweyo[3]16

4.6[2]Ukwenza Imilinganiselo Engalungiselwanga/Enokukhethwa[3]17

5.

Ulawulo loMbane[3]18

6.[2]Ubukhulu beMemori[3]19

7.[2]Uluhlu lokujonga Impazamo[3]20

8.[2]Ukucoca[3]21

8.1 [2]Ukulahlwa kwe-Sensor noMlomo [3]21

8.1.1[2]Ukucoca i-Rotary Flow Sensor[3]22

8.1.2[2]Ukucoca Ityesi[3]22

8.1.3[2]Ukujonga i-Sensor[3]22

9.[2]Izilumkiso zoKhuseleko lwe-AM3 GSM[3]23

9.1[2] Izilumkiso zoKhuseleko zeeBhetri zokuTshaja ze-Lithium Ion [3]27

9.2[2] Izilumkiso zoKhuseleko zoKhetho lwe-GSM[3]28

10.[2]Inkcazelo enobuChule[3]33

Isalathiso[2]35

Olu xwebhu luqulethe iinkcukacha zelungelo lombhalo.

Wonke amalungelo agciniweyo.

Akuvumelekanga ukukopa, ukuphinda okanye ukuguqulela le ncwadana ngaluphi na olunye ulwimi ngaphandle kwemvume ebhaliweyo ye-ERT ngaphambili.

I-ERT inelungelo lokutshintsha iinkcukacha ezidityaniswe kolu xwebhu ngaphandle kwesaziso.

Amagama abantu abachazwe kwisandulela sale ncwadana abuntsomi - nakuphi na ukufana komntu ophilayo okanye oswelekileyo akulindelekanga kwaye akuzimiselanga.

Kuxhomekeke kwizilungiso zobuchule.

Le miyalelo yokuSebenzisa yeyesigukane kuphela.

Ngabo bonke abasebenzi bezonyango, nceda usebenzise i-MasterScope[2]®[3] CT IFU ecacileyo (ino. yenaku

782098).

Ukuba unayo nayiphi na imibuzo okanye iingxaki kunye nesixhobo sakho nceda uqhagamshele ugqirha wakho onoxanduva.

Izalathiso sokuSebenzisa

Imonitha yoMbefu AM3/AM3 BT/AM3 GSM sisixhobo somlinganiselo sombane ukubeka esweni ukusebenza kwamaphaphu (ukumiselwa kweentshukumo zokuphefumla nomthamo) kunye nokuveliswa okuphezulu naphi na nanini na apho kukho khona imfuno.

I-AM3 ikalisha intshukumo ngexesha lokuphela kokutya komntu omnye ukulungiselela ubalo lwezinye iiparamitha njenge-FEV1.

I-AM3 isetyenziselwa ukubeka esweni isimo sokuphefumla sabantu abadala kwiindawo zombefu, i-chronic obstructive pulmonary disorder nakwiindawo ezifana nomsebenzi wamayeza, ulingo lonyango kunye nolawulo lwezifo.

Isigulane siyaziswa ngeziphumo ngoncedo lwamanani ngokhetho lweepharamitha ezikhethiweyo (umzekelo PEF, FEV1).

Ngaphezu koko, iyunithi ebonakalayo yolawulo, eboniswe ngendlela yezibane zetrafiki, ivumela ukalathwa okukhawulezileyo komlinganiselo osekelwe kwindlela echazwe ngugqirha wesigulane.

Isixhobo sigcina iziphumo zomlinganiselo (ngalo lonke ixesha ngomhla nexesha) ngokuzenzekelayo kuvimba weenkcukacha wangaphakathi.

Ukongeza, ukusebenza kwephepha lemibuzo kungabizwa ngokusebenza kwephakheyji ye-software (AMOS) ukurekhoda umzekelo isimo“soMgangatho woBomi”.

Xa yenziwe yasebenza, i- AM3 ingafakwa iqela lemibuzo, apho isigulane singakhetha kwiqela leempendulo ezahlukeneyo.

Ezi nkcukacha zikwagcinwa kuvimba weenkcukacha wangaphakathi kwaye zingagqithiselwa kuvavanyo kwi-PC eqhelekileyo kusetyenziswa iphakheyji ye-software i-AMOS.

I-AM3 yakhelwe ukuthatha indawo yemitha yentshukumo yencam eqhelekileyo, idayari nepensile ngenkqubo enye.

Indlela elula yokuyiphatha, uyilo olomeleleyo noluluncedo luvumela iMonitha yoMbefu i-AM3 ukuba isetyenziswe kwezempilo, kwezonyango nakusetyenziso lwasekhaya kwiindawo ezisingqongileyo/nakwisetingi.

UMTHETHO WE-FEDERAL U.S. UYASITHINTELA ESI SIXHOBO EKUBENI SITHENGISWE OKANYE SI-ODOLWE NGUGQIRHA.

(I-Rx kuphela)

Ukusetyenziswa kwale nkqubo kunyinelwe kubasebenzisi abaqeqeshiweyo angabaqinisekisa ngokusetyenziswa kwesixhobo ngendlela echanekileyo.

I-AM3 ixhotyiswe ngebhetri ye-Lithium-ion.

Akukho mbane ogqithiselweyo kubasebenzisi.

Amanqaku kuKhuseleko ngemiYalelo yokuSebenzisa

Ukulandlela [2]iziphakamiso [3]ze-ANSI (American National Standards Institute) ngamanqaku okhuseleko, imihlathi eyodwa yencwadana yemiyalelo iphawulwe ngokucacileyo njengamanqaku okhuseleko.

Inqanaba leNgozi

Ukonzakala [2]Ebantwini

Umonakalo [2]kwiMpahla

Mayisetyenziswe ukuba:

X

INGOZI [2]ibonisa isimo sengozi ekufuphi, ukuba ayinxwenywa, kungadala ukufa okanye ukonzakala okumandla.

Eli gama lophawula kufuneka lilinganiselwe kwezona zimo zigqithisileyo.

X

ISILUMKISO [2] sibonisa isimo sengozi esinokwenzeka, ukuba asinxwenywa, kungadala ukufa okanye ukonzakala okumandla.

X

(X)

ISILUMKISO [2]sibonisa isimo sengozi esinokwenzeka, ukuba asinxwenywa, kungadala ukonzakala okuncinci okanye okuphakathi.

Singasetyenziswa ukulumkisa ngemisebenzi engakhuselekanga.

Iinkcukacha ezibalulekileyo neziluncedo.

Iinkcukacha azilumkisi ngezimo eziyingozi nezonzekalisayo.

Iingcebiso zokusebenzisa.

Amaqhosha ongezelelekileyo aboniswe kwincwadana yemiyalelo:

Isibhengezo sokuVumelana

Uxwebhu lokuqala lesiBengezo sokuVumelana lingafunyanwa kumaXwebhu Ahamba nalo.

1.[2]I-AM3 ngoKhetho lwe-GSM

I-AM3 sisixhobo sonyango esidibanisa i-spirometer kunye nedayari yempawu.

Isixhobo sibonisa imibuzo emayiphendulwe enxulumene neempawu zombefu kabini ngosuku nemilinganiselo kwaye ivavanya Intshukumo yeNcam (PEF = Peak Expiratory Flow [[L/min] kunye/okanye FEV1 (FEV = Forced Expiratory Volume) kwakunye nezinye iipharamitha zokuphela.

Isixhobo sigcina idayari yemilinganiselo ngokurekhoda ngokuzenzekelayo kwimemori yaso zonke iimpendulo nemilinganiselo ngomhla nangexesha.

Isixhobo se-AM3 siquka:

·[2]I-AM3

·[2]Isibonelelo sombane

·[2]Ingxowa

Ngaphambi kokusebenzisa i-AM3 okokuqala, iibhetri kufuneka zitshajwe imizuzu engama-30 (jonga kwisahluko 6 "Ulawulo loMbane").

Umphambili:

Umphantsi:

Umboniso

I-Sensor yeNtshukumo (nesiciko)

Isiqinisekiso

Ukuskrola uhle

Umda we-USB[2] [3](esetyenziselwa ukutshaja)

I-Sensor yeNtshukumo (ngaphandle kwesiciko)

Icimile/Irhoxisiwe

Ukuskrola unyuke

Umda we-RS232

Isilumkiso

I-AM3 ingancedisa ekubekeni esweni ukusebenza kwe-airway ngosuku, kodwa ayifanelanga[2] [3]ukubonelela uxilongo olupheleleyo lwesimo sempilo yakho.

Ukusetyenziswa kwe-AM3 akuzuthatha indawo yoxilongo lonyango okanye olunye uvavanyo ukuba awuziva mnandi.

Ungafownela ugqirha wakho wophononongo [2]ngokukhawuleza [3]ukuba ubonisa naziphi na iimpawu

•[2]ubunzima bokuphefumla okumandundu

•[2]ukukhohlela okumandundu okungapheliyo

•[2]unengxaki yokuthetha okanye ukuhamba

•[2]ukuminxana kwesifuba okumandudu okanye ukutswina

•[2]isifuba esizaliswe ngaphaya okanye iimbambo

•[2]imilebe okanye iinzipho ezibuluhlazana kunokuba zibepinki

okanye ukuba wena

•[2]ufuna unyango nge-parenteral glucocorticosteroids eselwayo.

•[2]uye walaliswa esibhedlele (kubandakanya igumbi lonyango olungxamisekileyo).

•[2]uxhalabile malunga nemeko yakho ngexesha lophononongo.

Ukusebenza ngaphandle kwengxaki ye-AM3 kuqinisekisiwe ngobushushu ukusuka ku +10° ukuya ku +40°C (50° ukuya ku +104°F).

Kucetyiswa UKUNGENZIWA kwemilinganiselo elangeni, njengoko i-sensor ingonakala.

2.[2]Indlela yokusiphatha Gabalala

2.1[2]UKUVULA isiXhobo

Cofa uze ubambe [2] iqhosha.

Ngelixa ubambe [3] iqhosha, cofa uze ubambe [4] iqhosha.

Bamba omabini amaqhosha malunganga nemizuzwana emi-2.

Emva kokuyeka amaqhosha isixhobo siza kucima.

2.2[2]UKUCIMA isiXhobo

Isixhobo SICINYWA ngokucofa [2].

3.[2]Ukwenza uVavanyo nokuGqithisela uiNkcazelo

I-AM3 ine-antena ye-GSM emanyanisiweyo ukugqithisela inkcazelo nge-SMS.

Njengakuyo nayiphi na ifowni ephathwayo, isignali eyaneleyo eyomeleleyo iyafuneka ukugqithisela inkcazelo.

Ukuba amandla esignali abuthathaka kakhulu, kufuneka ukhangele indawo enesiganali eyaneleyo emandla.

Kubalulekile ukuba isixhobo asikhuselwanga zizo naziphi na izinto (ngokukodwa intimbil) okanye iindonga eziluqilima (umzekelo i-cellar).

I-ID yoPhononongo

Uvavanyo

Ukugqithisela inkcazelo

Cofa amaqhosha otolo [2]ukukhetha ukhetho lwakho

Emva kokulayita i-AM3 GSM, isikrini sokuqala siza kuvela.

Esi sikrini siza kubonisa i-ID yophononongo kwaye siqulethe izinto ezimbini ezinokukhethwa:

“Ukugqithiselwa kwenkcazelo” kunye “noVavanyo”.

Ngokukhetha [2]“Uvavanyo”[3] uza kucelwa uphendule umbuzo wokuqala wephepha lemibuzo okanye wenze umlinganiselo we-PEF.

Emva kokugqiba uvavanyo, ugqithiselo lwenkcazelo kuza kuqala ngokuzenzekelayo.

Ngexesha lenkqubo lokugqithiselwa kwenkcazelo, i-AM3 GSM kuqala izama ukumisela unxibelelwano kwaye emva koko izame ukugqithisela inkcazelo.

Ukugqithisea inkcazelo[2]Nceda ulinde!

Emva koko, umyalezo ubonakala uthetha ukuba ukugqithisela kube yimpumelelo okanye akunjalo:

Ukugqithisela inkcazeo AKUBANGA [2]yimpumelelo!

Ukugqithiselwa kwenkcazelo kubeyimpumelelo!

Ngokukhetha [2]"ugqithisela inkcazelo"[3]uza kufaka ukhetho lokugqithisela inkcazelo.

Apho ungakhetha khona phakathi kwezinto ezi- 6 ezichazwe apha ngazantsi.

Lugqithiselo lwenkcazelo olunye qha okungenziwa qho kwimizuzu eli-15.

Isikrini ezihambelanayo siza kubonisawa ukuba ukugqithiselwa kwenkcazelo akwenzeki ngenxa yesi sithintelo.

Ukugqithiselwa ngesandla kwenkcazelo:

Ukuba ukugqithiselwa kwenkcazelo ngokuzenzekelayo bekungenzeki, ungagqithisela inkcazelo egciniweyo ngesandla nangaliphi ixesha.

Isixhobo siza kumiselwa unxibelelwano nokuqalisa ukugqithiselwa kwenkcazelo yenkcazelo egciniweyo engekagqithiselwa.

Iindlela zokukhetha ukugqithisela inkcazelo

Ukugqithiselwa kwenkcazelo ngesandla

Bonisa isignali nomboneleli

Bonisa isishwankathelo

Bonisa ungqamaniso

Yenza uvavanyo

Vula/cima i-GSM (imo yenqwelo-moya)

Isignali nomboneleli:

Ungajonga ukomelela kwesignali nomboneleli wenethiwekhi.

Ukuba ninzi kweenzimbi ezimnyama ziyabonakala, ukubangcono ukufumaneka kokomelela kwesignali.

Noko ibha enye iyimfuneko kugqithiselo lwenkcazelo ngokuyimpumelelo.

Ukomelela kwesignali ye-GSM

I-Telekom.de

Isishwankathelo:

Ibonakalisa inombolo yeeseti zenkcazelo ezigciniweyo, ezamkelweyo, ezithunyelweyo nezingaphumelelanga.

Isishwankathelo

Iiseti zenkcazelo:[2]0006

Ezamkelweyo:[2]0000

Ezithunyelweyo:[2]0006

Ezingaphumelelanga:[2]0000

Ungqamaniso:

Ibonisa uhlobo logqithiselo nenombolo ye-SIM.

Ungqamaniso

Uhlobo. logqithiselo: wireless

Inombolo ye-SIM.:

0725339688

Uvavanyo logqihiselo:

Ukuvavanya ukuba ugqithiselo lwenkcazelo kusebenza ngokuchanekileyo na, ugqithiselo lovavanyo lungenziwa.

Olu vavanyo logqithiselo lungenziwa ngokuzimeleyo kwii-windows zexesha lovavamyo kwaye aluzuqulatha nayiphi na inkcazelo.

Nceda ulinde

de uvavanyo lonxibelelwano lwenkcazelo lugqitywe!

Imo yenqwelo-moya:

Xa uhamba ngenqwelo-moya, “Cima” i-GSM (imo esebenzayo yenqwelo-moya) ukuthintela ukuphazamiseka okunokwenzeka ngeenkqubo zenqwelo-moya.

Ngexesha lemo yenqwelo-moya eyenziwe yasebenza ukusebenza kweBluetooth ne-GSM kwenziwe akwasebenza.

Imo yenqwelo-moya isasebenza, i-icon encinci yenqwelo-moya ibonisiwe kwikona ephezulu engasekunene yesikrini sokuqalisa.

Vula/cima i-GSM (imo yenqwelo-moya)

Sicimile

Sivuliwe

Cofa amaqhosha otolo [2]ukukhetha ukhetho lwakho

4.[2]Umlingiselo wokuSebenza kwePhaphu nge-AM3

4.1[2]Ukulungiselela Umlinganiselo

Ngaphambi kokuqalisa umlinganiselo, beka i-sensor sentshukumo kwi-AM3 njengoko kuboniswe apha ngezantsi ze ususe isiciko sokutyhwina kwi-sensor yentshukumo.

Xa ufaka i-sensor yentshukumo kwi-AM3, uncedo lonyango kufuneka luncamathele kwimigangatho yococeko gabalala olusebenzayo lwezibhedele nemisebenzi yabucala.

Ukuba i-sensor yentshukumo kwi-AM3, amanqaku angokucoca njengoko kuchazwe phantsi kwesahluko “Ukucoca“ kufuneka alandelwe.

Isicifo sokuntyhina

I-sensor yentshukumo

I-sensor yentshukumo

I-AM3

Intshukumo ye-sensor ingasetyenziswa amaxesha amaninzi kodwa kufuneka isetyenziswe ngumntu omnye kuphela ukuthintela usuleleko.

4.2[2]Indlela yoKwenza Imilinganiselo kunye ne-AM3

Ukwenza umlinganiselo olungileyo we-PEF nge-AM3, amanyathelo alandelayo kufuneka alandelwe:

1.[2]Rhogela nzulu ze ubambe umphefumlo wakho de ube uyibeke endaweni i-inlet yentshukumo ye-sensor emlonyeni wakho.

Musa ukhuphefumla ngaphakathi nge-AM3.

2.[2]Ngoku kufuneka urhogele ngamandla kangangoko unako [3]ubuncinane kangangemizuzwana emi-2[4] ukufumana umlinganiselo owanelisayo.

Kufuneka

•[2]uthi nqumama malunga nomzuzwana ze emva koko uvuthele ngamandla nangokukhawuleza kangangoko unako.

•[2]ungakhohleli.

•[2]ungavingci i-inlet yentshukumo ye-sensor ngolwimi lwakho.

•[2] ungavingci i-outlet yentshukumo ye-sensor ngesandla sakho.

3.[2]Emva kokurhogela okupheleleyo, kufuneka i-AM isuswe emlonyeni ngokukhawuleza.

Isiphumo se-PEF

220 L/min

4.[2]I-PEF ekalishiweyo ibonisiwe kwi-AM3.

5.

Isiphumo siqinisekiswa ngokucofa [3].

Emva komlinganiselo woku- 1[2][3],, uza kucela wenze ii-PEF zesi- 2[4][5] kunye nezesi-3[6] [7] (phinda amanyathelo 1- 5).

I-PEF Ephezulu

250 L/min

Ekupheleni kweseshini, i-PEF ephezeulu kakhulu iza kuboniswa.

4.3[2]Ukuba semthethweni kweMilinganiselo ye-PEF

Inzame enganelanga!

Nceda uzame kwakhona!

Umlinganiselo wokwenziwa we-PEF nge-AM3 [2]vkulungile[3], ukuba:

•[2]Umthamo wokuphefumla > 0.47 L or < 10 L

•[2]Intshumo yokuphefumla > 50 L/min

•[2]FVC > FEV1

Kungenjalo umyalezo uza kuboniswa kwaye uza kucelwa uwuphinde umlinganiselo.

Ukugcina isiphumo kwi-AM3, nokuba yi-maneuver enye efanelekileyo kufuneka yenziwe.

Ukuba zonke iinzame zisemthethweni, akukho nkcazelo yomlinganiselo eza kugcinwa kwisixhobo.

4.4[2]Ukwenza iiSeshini eziLungiselelweyo

Iiseshini ezilungiselelweyo, kubandakanya iphepha lemibuzo nemilinganiselo ye-PEF, kungenziwa kuphela ze kugcinwe kusetyenziswa izixhobo ezilungisiweyo.

Ukugqiba iphepha lakho lemibuzo, ungaskrola ze ukhethe impendulo efanelekileyo ngokusebenzisa [2] kunye [3] namaqhosha nangokucofa [4].

Ekugqibeleni kwephepha lemibuzo uza kubuzwa, ukuba uyafuna na ukutshintsha impendulo; ukuba ukhetha “u-Ewe“, iphepha lemibuzo liza kuboniswa kwakhona.

Iimpendulo ezifakwa kwangaphambili ziza kuvela njengesiseko, kwaye zingalungiswa njengoko kuchazwe ngentla.

4.5[2]Ukuphazamisa iSeshini eLungiselelweyo

Ukuba i-AM3 ICINYWE ngaphambi kokugqiba iphepha lemibuzo, zonke imibuzo ephendulwe kwangaphambili ayizukugcinwa.

Ukuba i-AM3 ICINYIWE emva kokugqiba iphepha lemibuzo okanye phakathi kwemilinganiselo ye-PEF, iseshini ingagqitywa kwi-window yexesha elishiyekileyo.

Kule meko, i-AM3 kufuneka IVULWE kwakhona kwaye ngumlinganiselo olahlekileyo kuphela ongenziwa – iphepha lemibuzo alizukuboniswa kwakhona.

4.6[2]Ukwenziwa kweMilingiselo engaLungiselelwanga/Enokukhethwa

Ukongeza kwimilinganiselo elungiselelweyo, unako ukwenza imilinganiselo engalungiselelwanga/enokukhethwa.

Le yimilinganiselo:

•[2]engeziwa emva kokuba uyigqibile imilinganiselo elungiselelweyo kwi-window yexesha elinye

•[2]engenziwa ngaphandle kwee-windows zexesha elilodwa lophononongo

Tsala umoya ngamandla[2]ze ukalishe i-PEF!

enokukhethwa

Xa usenza umlinganiselo ongalungiselelwanga/onokukhethwa, isikrini esingasekhohlo siza kubiniswa emva kokuCINYWA kwesixhobo.

Inkcazelo evela kwimilinganiselo engalungiselelwanga/enokukhethwa yeyenkcukacha kuphela kwaye [2]AYISAYI[3] kugcinwa.

5.

Ulawulo loMbane

I-AM3 GSM inebhetri ye-Li-Ion polymer nesibonelelo sombane ukutshaja ibhetri.

Ngaphambi kokusebenzisa i-AM3 okokuqala, ibhetri kufuneka itshajwe imizuzu [2]engaphezu kwama-30.

Xa ibhetri ihlile (malunga ne- 5%), umyalezo olandelayo uza kuboniswa:

Ibhetri ihlile!

Nceda utshaje i-AM3.

Ngeli thuba lokuyeka uneeyure ezingama-24 zokuqhagamshela i-AM3 GSM kwisiboneleli ngombane ngaphambi kokuba ibhetri iyeke ngokupheleleyo.

Iwotshi enkulu engaphakathi iza kuma emva kwamalunga neentsuku ezi-5 xa ibhetri engaphakathi iyeke ngokupheleleyo.

Indlela yokutshaja ibhetri

Plaga indawo yokugqibele enye yo- adapter yodonga kumda we-USB ye-AM3 ngokhetho lwe-GSM ze enye indawo yokugqibela kwi-sokhethi yodonga.

Sisibonelelo sombane kuphela sokuqala esihanjiswe kunye ne-AM3 kufuneka sisetyenziswe ngokutshaja isixhobo.

Ukuba uvula i-AM3 ngelixa uplage isiboneleli sombane siqhagamshelwe, umyalezo olandelayo iza kuboniswa:

Uphawu lwebhetri lubonisa ismo sokutshaja.

Ukwenza iseshini, nceda ukhuphe iintambo zombane!

6.[2]Ubungakanani beMemori

Umyalezo olandelayo uza kuvela kwisikrini ukubonisa ukuba imemori ye-AM3 sele iphantse igcwele (80%) okanye igcwele ngokupheleleyo (akukho nkcazelo iyenye engagcinwa kwi-AM3).

Imemori yenkcazelo!

Nceda uqhagamshele ugqirha wakho [2]ngokukhawuleza.

Imemori yenkcazelo seyiphantse igcwele!

Nceda uqhagamshele ugqirha wakho.

Nceda uzise isixhobo sakho kutyelelo ngalunye lophononongo ukunqanda ukufikelela kwisithuba esigcweleyo sememori.

7.[2]Uluhlu lokukhangela iMpazamo

Inkcazelo yeMpazamo

Isizathu

Isenzo

Akukho mpendulo ngexesha lombane OLAYITIWEYO

A.

Ibhetri ye-AM3 iphelile

Tshaja i-AM3

B.

Amaqhosha [2] kwaye [3] awacofekanga ngokuchanekileyo

•[2]Cofa ze ubambe [3] iqhosha.

•[2]Ngelixa ubambe [3] iqhosha, [4]cofa ze ubambe [5] iqhosha.

•[2]Bamba omabini amaqhosha malunga nemizuzwana [3] emi-2.

Isiphumo semilinganiselo iyathandabuzeka

A.

I-Flow Sensor ayifakwanga ngokuchanekileyo

Faka i-Flow Sensor ngokuchanekileyo

B.

I-Flow Sensor ingcolile

Coca i-Flow ye-Sensor ngokwemiyalelo yokucoca

C.

I-Flow ye-Sensor kunesiphoso

Ukubuyisela I-Flow Sensor

Ukuba izenzo ezicetyiweyo azikhekeleli ekufunyanweni okugqibeleleyo kokusebenza kwe-AM3´okuqhelekileyo, nceda uqhagamshele ugqirha wakho wophononongo.

8.[2]Ukucoca

Ukucoca i-Sensor[2]:

Ukukhulula nokususa i-sensor, yihlambulule ngamanzi acociweyo apho into yokucoca ixutyiwe.

Vuthulula wonke amanzi ashiyekileyo kwi-sensor.

Yomisa ngedraya ze uyifakwe kwakhona i-sensor.

I-sensor iyenzelwe ukusetyenziswa sisigulane esinye, kuphela.

Ukuba i-AM3 igqithiselwe kwesinye isigulane, umphandle we-AM kuza kufuneka ucocwe.

Jonga ngezantsi ukulungiselela inkcukacha zokulahla i- sensor.

8.1 [2]Ukulahlwa kwe-Sensor noMlomo

Ukulahla:

Kubalulekile ukuphepha isigulane, umncedisi wonyango okanye i-sensor ekubeni isulelwe nesikhohlela ngexesha lokuchithwa kwe-sensor elahlwayo.

Ngoko ke, khulula ze ususe i-sensor ngokutsalela ezantsi i-sensor elahlwayo (bona umfanekiso).

Lahla ngokukhawuleza.

Isikhululi

8.1.1[2]Coca i-Rotary Flow Sensor

Ukucoca i-rotary [2]sensor[3] ye-AM3, khulula i-sensor ngokususa [4]isikhululi[5] ngecala.

Kucetyiswa ukuba kucocwe umphandle we-sensor rhoqo kwiveki ezi-4 ngelapu elifumileyo (hayi elimanzi) okanye iphepha ze uyeke i-sensor yomiswe ngumoya kubushusu begumbi.

Buyisela i-sensor kwi-AM3.

Nakuphi na ukujika kombala kwi-sensor akukuchaphazeli ukwenziwa kwe-AM3.

MUSA [2]ukusebenzisa utywala okanye naliphi na uhlobo lesicoci sasendlini!

8.1.2[2]Ukucoca iTyesi

Sula ityesi ngelaphu elifumileyo.

Ze womise ityesi ngetawuli.

8.1.3[2]Ukujonga i-Sensor

Ukuba i-AM3 ayikalishi ngokuchanekileyo, tshintshisela i-sensor okanye qhagamshela iMonitha enoxanduva okanye abezoNcedo lweNkathalo yabaThengi e-ERT.

9.[2]Izilumkiso zoKhuseleko ze-AM3 GSM

Imiyalelo yokuSetyenziswa kubonwa kuyinxalenye yesixhobo, kwaye kufuneka sisoloko sigcinwe esandleni.

Incwadana yomyalelo icacisa isimo sobukho besixhobo/isitim ibandakanya i-software nezinto ezongezwayo ngokumalunga neemfuno ezisisiseko ze-MDD 93/42/EEC.

Ukubambelela kanye kwimiyalelo ekhutshiweyo yinto efunekayo efezekileyo neyenzelwe ukusebenza kwezixhobo [2]kwe-ERT [3].

Ukuphambuka kuSetyenziso olweNzelwe kona

Nakuphi na ukuqwalaselwa kweenkqubo (ezifana nokulungiselela umlinganiselo neendlela, neenkqubo zokubulala intsholongwane, ukusetyenziswa kwezongezelelo kunye namalungu atshintshwayo njl njl)

Icacisiwe kwiMiyalelo yeziphumo zokuSebenzisa kuphambuko olusuka kusetyenziso olwenzelwe oko.

Ukuba ukuphambuka kwinto okwenzelwe yona umntu osebenza into ethile/umsebenzisi kufuneka anike ubungqina bokukhawulelana nazo zonke iimfuno ezisisiseko ezingqinelanayo.

Oku kungenzeka ngokwenza ukungqinelana kwenkqubo yovavanyo yokuvumelana komenzi wangaphakathi (jonga § 12, umhlathi 1 isivakalisi sokugqibela se-MPG [2](= Medizinproduktegesetz/ Medical Products Act).

Umntu osebenza into ethile /umsebenzisi, nokuba, akanaxanduva nje kuphela lokwenza uvavanyo lwe- Lokuvumelana oluchanekileyo kodwa unoxanduva lweemveliso ezonakeleyo ngokupheleleyo - umzekelo umntu osebenza into ethile/umsebenzisi akanaxanduva nje kuphela lwakhe/lokuguqulwa lwemveliso yonyango.

I-ERT[2] iqinisekisa kuphela ngokhuseleko nangokusebenza kwesixhobo ukuba:

-[2]ukufakela, ulwandiso, ukuguqulwa, nokulungisa luqhutywa lugunyaziso lwabasebenzi bale misebenzisi [3]yi-ERT[4].

-[2]iimeko ezizolileyo kwindawo yokufakela zifanelekele isixhobo.

-[2]isixhobo sisetyenziswa ngokweMiyalelo yokuSebenzisa.

-[2]Khupha isixhobo sakho sonyango.

Nceda jonga ukuba iyunithi yonakele na.

Ukuba kunjalo, musa ukuyisebenzisa kwaye uyibuyisele ukuba itshintshwe.

Umsebenzisi kufuneka alandele imiyalelo.

Ukuba umsebenzisi akazithobeli izilumkiso zokhuseleko oku kungakhokelela kwiimeko eziyingozi ezingakhokela ekonzakaleni okanye ukufa kwezigulane kunye/okanye intshabalalo yesixhobo.

Ukhuselo loMbane

I-AM3 inkwa umbane osuka kwibhetri etshajwayo yangaphakathi ye-Lithium-Ion, ibhetri ingatshajwa ngqo kwisiboneli ngombane esplagwayo(yunithi).

Ingqalelo:

-[2]Sisibonelelo sombane sokuqala esihanjiswa nge-AM3 kufuneka sisetyenziselwa ukutshaja isixhobo.

-[2]Musa ukwenza imilinganiselo ukuba i-AM3 iqhagamshelwe kwesinye isixhobo.

-[2]Ukugqithiselwa kwenkcazelo akuvumelekanga ngexesha lomlinganiselo.

Ukhuseleko lesiGulane ngokuhambelana ne-EN 60601-1

Umntu kufuneka abe kude nokuba kunge-1,5 m kwimodem eqhagamshelweyo okanye incwadi zamanqaku ukuphepha nakuphi na ukudibana namandla ombane.

Umthetho wazo zonke iziXhobo ze-ERT

Uqhagamshelwano lwesixhobo olwangezelelekileyo kwisixhobo sombane sonyango kufuneka sithobelane kunye ne-EN ezizezazo okanye imigangatho ye-ISO (umzekelo EN 60950 ngenkcazelo zokuphatha isixhobo).

Ngaphezu koko lonke ungqamaniso luza kuthobelana kunye neemfuno zenkqubo yonyango yombane.

Nabani na oqhagamshelene nesixhobo esongezelweyo kwisixhobo sonyango sombane ungqamanisa inkqubo yonyango kwaye ngenxa yoko unoxanduva lokuba inkqubo ithobelane neemfuno zeenkqubo zonyango zombane.

Ingqalelo ithathelwa kwinto yokuba imithetho yendawo iza kuqala kuneemfuno ezingaphezulu nangentla ezichaziweyo.

Ukuba uyathandabuza, qhagamshela ummeli wakho wendawo okanye Unakekelo lwaBathengi be- ERT.

Uphazamiseko oluKhutshiweyo

Isixhobo se- ERT siyakhawulelana nemiqathango ngokwe-EN 60601-1-2 ngokumalunga nophazamiseko olukhutshiweyo nolufunyenweyo.

Akufunekana isixhobo sifakelwe kufuphi nezixhobo ze-frequency ephezulu, isixhobo se-X-ray, ii-motors okanye iziguquli enereythingi yombane ofakelweyo ophezulu, ukususela umbane okanye iinkalo zophazamiseko ezine- magnetic zingenza iziphumo zomlinganisleo zingabiyonyani okanye zenze kube nzima ukwenza imilinganiselo.

Ngenxa yoku, kufuneka ukusondelelana kweentambo zombane kufuneka kunxwenywe kananjalo.

Iziphazamisi ezikhoyo zendawo esingqongileyo zingabangela ukuphambuka kwamaxabiso omlinganiselo ngaphandle kokonakalisa ukusebenza kwesixhobo.

Ngenxa yoko, kucetyiswa ukuba kugcinwe umgama omalunga neemitha ezi-2 ukusuka koovimba bempazamo enokwenzeka xa kusetyenziswa isixhobo.

Inkcukacha ezininzi ezicacileyo zingafunyanwa kwiitheyibhile ze-EMC ze-MasterScope[2]®[3] Imiyalelo ye-CT yoSeyeniziso (inomb. yenqaku

782098).

Iimeko Ezirhangqiweyo

I-AM3 akufunekanga isetyenziswe kumagumbi okanye apho kukho umxube we-anaesthetic onokutsha emoyeni okanye umxube we-anaesthetic onokutsha onomongo-moya okanye i-nitrous oxide.

I-AM3 kufuneka ikhuselwe ngokufanelekileyo kufumeni.

Ngenxa yoko, kufuneka ukuba i-AM3 ihlale igciniwe ngalo lonke ixesha kwingxowa ehambelana nayo.

Isixhobo siyangqinelana neqondo le-IP 22 lokhuseleko.

Imilinganiselo kwimvula okanye kwishawari ayivumelekanga.

Indlela yokuMlinganiselo

Njengendibanisela kunye ne-IEC 60950-1 i-PC eqinisekisiweyo okanye imodem ingakhokelela ekudityanisweni kokuvuza kwakutsha nje, i-AM3 kufuneka iqhagamshelwe kwi-PC okanye kwimodem ngexesha lomlinganiselo.

Ukuba imilinganiselo ye-AM3 ingatshintsha emva kwexesha elide lokusetyenziswa, i-sensor entsha kufuneka isetyenziswe.

Imida

I-AM3 kufuneka iqhagamshelwe kwi-PC engqinelanayo nemigangatho ye-EN 60950.

Ukuba intambo yokuqhagamshela inesiphene, kufuneka kufakwe entsha.

Umenzi wento akufunekanga abambe Imida ngexesha lomlinganiselo.

Ulawulo loNyango

Ugqirha oselungelweni kufuneka avavanye kwakhona yonke imilinganiselo ye- AM3.

Utoliko olwenziwa yi-AM3 lubalukile kuphela ukuba lubonwa ngokuvulumene kunye nezinye izinto zonyango ezifunyenweyo.

Ukuboniswa neziphumo ezinokwenzeka ezingalunganga

Ngokumalunga ne-‘‘ATS/ERS TASK FORCE:

UKUMISELWA NGOKUSEMTHETHWENI KOVAVANYO LWEPHAPHU’’ (ERS Journals Ltd 2005) ukwenziwa kovavanyo lokusebenza kwephaphu kunganento eyenzayo emzimbeni kwizigulane eziliqela.

Kucetyiswa ukuba izigulane akufunekanga zivavanywe kwinyanga e-1 ye-myocardial infarction.

Kwiimeko ezinqabileyo uvavanyo lwe-spirometry zingakhokelela kwi-syncope ngenxa yokuphefumlela ngaphandle okukhulu.

Ukusebenzisa isiXhobo

Iinguqu zeqondo lobushushu zingaphakama ukuya kujiyo kwisixhobo.

Ngako oko, isixhobo kufuneka silungiselelwe kubushushu oburhangqiweyo ngaphambi kokusisebenzisa.

Ukucoca noCoceko

Ngaphambi kwalo lonke usetyenziso, zonke izinto ezidibana nesigulane nezilungiselelwe ukusetyenziswa kwakhona kufuneka zicocwe okanye zibulawe intsholongwane (ngaphandle imiyalelo ikhona).

Ngexesha lokucoca, i-AM3 kufuneka ingaqhagamshela kwi-PC okanye imodem.

Ukubhekisela kukufuma namanzi angangena kwisixhobo, i-AM3 [2]iyangqinelana kumgangatho wokhuseleko lwe- IP 22.

Oku kuthetha, isixhobo singacocwa ngelaphu elifumileyo (elingavuzi manzi) elingenzi i-fluff.

Inkcukacha ezininzi ezichaziweyo zingafunyanwa phantsi “koCoceko”.

Imichiza efunekayo ukusebenza okanye ukukhathalelwa kweyunuthi kufuneka isoloko igcinwe, ilungisiwe, kwaye ibekwiiveseli ezizodwa eziphawuliweyo ukuthintela naziphi na impazamo.

Ukulungiswa

Isixhobo asifuni kwenziwa hlolo lokhuselo, ukulungiswa namaqondo.

Akukho candelo le-AM3 eliza kutshintshiselwa ngumntu/ugqirha.

Ukusebenzisa izinto ezongezwayo ze-ERT ezamkelweyo namalungu olaleliso ukulungiselela esi sixhobo sonyango, kuphela.

Ukuba isixhobo/secandelo elisetyenzisiweyo liboniswe kuxinzelelo olumandla lomatshini, uvavanyo lomsebenzi wenziwe.

Ukuba ukusebenza kulahlekile, indawo inesiphene kufanele itshintshwe.

Iiplagi ezonakeleyo nezicazulukile, izingxobo nesiciko okanye iglasi yokubonisa (ukuba ikhona) kufuneka indawo yayo ithathwe ligcisa eligunyazisiweyo okanye injineli [2]ye-ERT [3]ukhathalelo lwabaXhasi.

Isixhobo akufunekanga sivulwe.

Ukuba sivuliwe ngaphandle kwesigunyaziso, isiqinisekiso selungelo siyaphelelwa.

Kwimeko yoqhagamshelwano lwenkonzo ye-ERT.

Ngaphambi kokuvula isixhobo, kufuneka usoloko ujonga ukuba ngaba isixhobo asinaziphene.

Ukulungiswa [3]okukhawulezileyo kuyimfuneko, ukuba:

-[2]iglasi yokubonisa iyadubula okanye iyophuka:

Isillumkiso: umngcipheko wokonzakala

-[2]isixhobo sixinzelewe ngomatshini kakhulu (umzekelo impembelelo, umonakalo kwisiciko).

-[2]amanzi angene kwisixhobo.

-[2]intamboi yombane yonxibelelwano inesiphene.

Intambo yombane yonxibelelwano kufuneka itshintshwe ngentsha.

-[2]izogqumathelo ziwile.

Abantwana akufunekanga nokuba badibane nezinto ezilahlwayo, izongezelelo nokupakishwa kwematheriyali ezingezozakucoca kwaye izinto zokubulala iintsholongwane.

Ukulungiswa kwezinto ebezisetyenzisiwe

Ukubambelela kumthetho wesizwe kwilizwe xa kulahlwa isixhobo samayeza kunye nezongezelelo.

Ukulahlwa okungafanelekanga kwesixhobo kunye/okanye izinto ezongezelwayo kungabangela ingozi ezimandla kwindawo esingqongileyo.

9.1[2]Izilumkiso zoKhuseleko zeeBhetri eziNokutshajwa ze-Lithium Ion

I-AM3 ixhotyisiwe kwibhetri ye-Lithium-Ion yangaphakathi ye-Polymer.

Izilumkiso zokhuseleko ezilandelayo zisemthethweni ukulungiselela ibhetri ze-Lithium-Ion:

-[2]Musa ukumosha ibhetri.

-[2]Musa ukushunqulela bhetri.

-[2]Khusela ibhetri kubushushu obugqithisieyo!

-[2]Khusela ibhetri elangeni!

-[2]Khusela ibhetri emlilweni!

-[2]Musa ukuyiqhaqha okanye ukwenza ngobukuchule ibhetri.

-[2]Musa utshintsha ibhetri.

-[2]Amanzi ebhetri anetyhefu kwaye inokutsha – iibhetri ezivuzayo okanye iibhetri ezinesibotho kufuneka ingaphinde isetyenziswe!

-[2]Musa ukudibana namanzi ebhetri.

Ukuba ulusu lwakho ludibana namanzi, ngokukhawuleza uhlambulule indawo echaphazelekileyo ngamanzi ze uqhagamshele ugqirha wakho!

-[2]Ukutshaja i-AM3, sebenzisa itshaja ebalulwe ngu-ERT ze uqwalasele imiyalelo kwincwadana!

9.2[2]Izilumkiso zoKhuseleko ngoKhetho lwe-GSM

Ngomsebenzi owaneleyo nokhuselekileyo we-AM3 yakho ngokhetho lwe-GSM, nceda ufunde inkcazelo elandelayo ngononophelo.

Ukhuseleko neeNgozi

Musa ukusebenzisa i-AM3 ngokhetho lwe-GSM olwenziwe lwasebenza kwiingingqi apho ukutshabalala kusenzeka, apho kunobakho imihaba edubulayo, isixhobo esikufuphi nenkxaso yobomi, okanye nasiphi na isixhobo esinokuthabatheka naloluphi na uhlobo lukanomathotholo.

Kwiimeko ezinjalo, imodem ye-GSM KUFUNEKA UMBANE UCINYWE.

I-AM3 enokhetho olwenziwe alwasebenza lwe-GSM ingagqithisela iisignali ezingaphazamisana nesi sixhobo.

Musa ukusebenzisa nayiphi inqwelo-moya i-GSM, nokuba inqwelo-moya isemile okanye isemoyeni.

Kwinqwelo-moya, ukhetho lwe-GSM KUFUNEKA LUCINYWE.

Xa usebenzisa, imodem ye-GSM ingagqithisela iisignali ezingaphazamisana neesistim ezahlukeneyo ezikwi-onboard.

Qaphela:

Ezinye iinqwelo-moya zingakuvumela ukusebenza kweefowni zeselula ngelixa inqwelo-moya isamile kwaye ucango luvuliwe.

Ukhetho lwe-GSM lungasetyenziswa ngeli xesha.

Ukhuseleko lwe-RF

GABALALA

I-AM3 isebenzisa imodyuli ye-GSM ngokusekelwe kumgangatho we-GSM ngetekhnoloji yeselula.

Umgangatho we-GSM inatyiswe kwilizwe lonke.

Iquka i-Europe, i-Asia nezinye iindawo zase-America nase-Afrika.

Lo ngumgangatho ongowona usetyenziswayo woqhagamshelwano.

Imodyuli yakho ye-GSM isisigqithiseli nesokufumana umbane sikanomathotholo esinomlilo omncinci.

Ithumela ngaphandle ze ifumane umbane we-frequency kanomathotholo.

Xa usebenzisa i-aplikheyishini yakho ye-GSM, inkqubo yeselula elawula izilawuli zokugqithisela zombini i-frequency kanomathotholo kunye nenqanaba lombane wemodem yeselula yakho.

UKUBHENGEZWA EMBANENI WE-RF

Kuye kwabakho inkxalabo ethile kawonkewonke malunga neziphumo zempilo ezinobakho ezivela ekusebenziseni iithemilali ze-GSM.

Nangona uphando olungeziphumo zempilo ezivela kumbane we-RF ziye zagqalisela kwitekhnoloji yakutshanje ye-RF iminyaka emininzi, iinzululwazi ziye zaqalisa uphando olumalunga neetekhnoloji zikanomathotholo ezintsha, ezifana ne-GSM.

Emva kophando lokuphuma luphengululiwe, kwaye emva kokuthobela yonke imigangatho yokhuseleko efanelekileyo iye yavavanywa, kuye kwagqitywa ukuba imveliso ikulungele ukusetyenziswa.

Ukuba unexhala malunga nokubhengezwa ekumbane we-RF kukho izinto ongazenza ukwenza ubhengezo luncinane.

Ngokucacileyo, ukulinganisela ixesha leminxeba yakho kuza kunciphisa ukubhengezo lwakho lombane kwi-RF.

Ukongeza, unganciphia ukubonakaliswa kwe-RF ngosebenzisa i-terminal yeselula yakho ngempumelelo ngokulandelela imigaqo engezantsi.

UMSEBENZI WOBUCHULE WEXESHA ELIMISIWEYO

Ngetheminali ye-GSM ukusenzisa inqanaba lombane elisezantsi, ukuguquguquka kunye nokwaneliseka komgangatho wokugqithisela:

Misa ukusibamba isixhobo xa kusenziwa ukugqithisela.

Ukubamba i-antenna kuyawuchaphazela umgangatho wokugqithisela kwaye kungabangela imodem ye-GSM ukuba isebenze kwinqanaba lombane eliphezulu kunokuba kufuneka.

Ukhuseleko Gabalala

IZIXHOBO ZOMBANE

Uninzi lwezixhobo zombane, umzekelo ezibhedlele nakwizithuthi, lukhuselwe kumbane we-RF.

Ngoko ke, umbane we-RF ungachaphazela esinye isixhobo sombane esikhuselwe ngokungafanelekanga.

ISIXHOBO SONYANGO SOMBANE

CIMA ukhetho lwakho lwe-GSM kumaziko ezonyango xa imimiselo eposwe kwingingqi ekuyalela ukuba wenze njalo.

Izibhedlele okanye amaziko ezempilo angasebenzisa isixhobo se-RF ukubeka esweni.

Isimboli eziyimiZobo

Qaphela imiYalelo yokuSebenzisa

Isilumkiso!

Uphawu lokulumkisa gabalala

VULA isixhobo ze USICIME

Unyaka wokuveiswa

Umenzi

Icandelo elisetyenzisiweyo loHlobo lwe-BF

Ukulahlwa ekuthobelaneni kunye ne-WEEE

Imilinganiselo lonxonzelelo lwe-Barometric

I-IP 22

Ukhuseleko kuphazamiso lwezinto eziqinileyo ezinedayamitha ≥ 12,5mm; amazni athonsizayo xa ithambekisiwe ukuya ku-15°

I-SN

Inombolo ye-Serial

Uphawu lwe-CE olunenombolo yekhowudi lwe-Notified Body.[2]Inkqubo yolawulo lomgangatho oluqinisekisiweyo [3]lwe-eResearchTechnology GmbH [4]iyangqinelana kumgangatho wamanye amazwe e- ISO 13485.

I-Rx kuphela

ISILUMKISO:

UMTHETHO WE-FEDERAL U.S. UYASITHINTELA ESI SIXHOBO EKUBENI SITHENGISWENI OKANYE SI-ODOLWE NGUGQIRHA.

Imvelaphi enokubakho yokuphazamiseka

Esi sixhobo siyathobelana kunye neCandelo 15 zeMithetho ye-FCC

I-typeplate ingafunyanwa kwicala elingasemva kwisivhobo.

Ubukhulu bemitha yemodyuli ye-bluetooth bungaphantsi komlinganiselo we-SAR efunwa yi-EC Directive 1999/519/EEC.

Ukwamkelwa kwamaNqaku:

“Yamkelwe ngokungqinelana ne-R&TTE umgaqo womgqithiseli wemodyuli ephawulwe yi-CE, eyenziwe yimveliso ye-MITSUMI incorporated OEM, nayimveliso ye-Sierra Wireless incorporated OEM.“

“Esi sixhobo siyalithobela iCandelo 15 leMithetho ye-FCC.

Umsebenzi uxhomekeke kule miqathango emibini elandelayo:

(1) esi sixhobo asinako ukubangela uphazamiseko oluyingozi, kwaye (2) esi sixhobo kufuneka samkele nakuphi ukuphazamiseka okufunyenweyo, kubandakanya nokungabangela umsebenzi ongathandekiyo.“

Esi sixhobo siqulethe i-FCC-IDs POOWML-C46, 2AAUFAM3G01.

Inkuckacha kuMsebenzisi onxulumene kwimodyuli enokukhethwa ye-GSM:

Iinguqu okanye izilungiso kwisixhobo esinika ubushushu (radiator) azamkelwanga ngumbutho onoxanduva lokuthobela zingalirhoxisa igunya lomsebenzisi lokusebenzisa isixhobo.

Esi sixhobo sivavanyiwe kwaye sifunyaniswe sithobelana nemilinganiselo yesixhobo sedijithali soHlelo B, siyangqinelana neCandelo 15 leMithetho ye-FCC.

Le milinganiselo iyilelwe ukubonelela ngokhuseleko malunga nokuphazamiseka kofakelo kwindawo yokuhlala.

Esi sixhobo siyenza, siyasetyenziswa kwaye singakhupha amandla okwenza unomathatholo adlala kwaye, ukuba asifakelwanga kwaye asisetyenziswa ngokungqinelana nemiyalelo, kungabangela ukuphazamiseka okuyingozi kunxibelelwano lukanomathotholo.

Nokuba kunjalo, akusekho siqinisekiso sokuba uphazamiseko alusayii kwenzeka kufakelo oluthile.

Ukuba esi sixhobo asibangeli monakalo ophazamisiyo kulwamkelo kunomathotholo okanye kumabonakude, okungabonwa ngokucima nokuvula isixhobo, umsebenzisi uyakhuthazwa ukuba azame ukulungisa ukuphazamiseka ngemilinganiselo omnye okanye ezininzi ezilandelayo:

- [2]Qondisisa okanye misa kwenye indawo i-antenna eyamkelayo.

- [2]Nyusa ukwahlukana phakathi kwesixhobo nesamkeli.

- [2]Nxibelelanisa isixhobo kwindawo yokuphuma kwi-circuit eyahlukileyo kunaleyo apho isamkeli beqhagamshelwe khona.

- [2]Qhagamshelana nomrhwebi okanye ingcali enamava ngonomathotholo/i-TV ukufumana uncedo.

Esi sixhobo sivumelana kunye nemigaqo ye-RSS ukhululweyo kwilayisensi yoShishino yaseKhanada.

Umsebenzi uxhomekeke kwimiqathango emibini elandelayo:

(1) esi sixhobo sisenokungabangeli kuphazamiseka, kwaye (2) esi sixhobo kufuneka samkele nakuphi na ukuphazamiseka, kubandakanya ukuphazamiseka okungabangela umsebenzi wesixhobo ongathandekiyo.

Le présent appareil est conforme aux CNR d’Industrie Canada applicables aux appareils radio exempts de licence.

L’exploitation est autorisée aux deux conditions suivantes :

(1) l’appareil ne doit pas produire de brouillage, et (2) l’utilisateur de l’appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d’en compromettre le fonctionnement.

IC:

11335A-WMLC46NHR

IC:

11335A-AM3G01

Ibhendi yobuninzi bokwenzeka kwento

Uluhlu lobuninzi bokwenzeka kosuleleko

Imveliso

Inzuzo

GSM 850

824 ukuya ku-849 MHz

Ngaphantsi kune-1.4W

-2.9 dBi

E-GSM 900

880 ukuya ku-915 MHz

-8.5 dBi

DCS 1800

1710 ukuya ku-1785 MHz

-2.7 dBi

PCS 1900

1850 ukuya ku-1910 MHz

-3.0 dBi

I-ERT iyavumelana nemiyalelo ye-EMC ngokwe-EN60601-1-2.

I-ERT ingabonelela ngeetheyibhile ze-EMV ezihambelanayo ngosicelo.

10.[2]Inkcazelo enobuChule

Umgaqo-siseko:

Ukumiselwa kwentshukumo yokuphefumla nomthamo ohamba ngentshukumo ye-sensor ejikelezayo.

Uluhlu[2]:

Intshukumo

Umthamo

0 - 840 yeelitha/umzuzu

0.5 - 8 yeelitha

Ukuchaneka[2]:

Intshukumo

Umthamo

± 5 % okanye ± 20 L/min

± 3 % okanye ± 0.05 yeelitha

Isikhundla sokugcina:

1200 yemilinganiselo, 400 yeeseti zamaphepha emibuzo (ubukhulu. Imibuzo engama-20 ngamnye)

Isibonelelo sombane:

Ibhetri ye-lithium-ion eyakhelwe ngaphakathi 3.7 V, 1700 mAh[2]Ibhetri iza kuhlala ngaphantsi kwemiqathango yomgangatho wokusebenza malunga [3]neentsuku ezingama-40.

Ukutshaja okupheleleyo:[5]2 h[6]Umjikelo wobomi:

80% yobukhulu obulinganiselweyo emva kweesekile ezingama-300[8]60% yobukhulu obuthelekelelweyo emva kweesekile ezingama-500

Imilinganiselo[2]:

Ubude x ububanzi x umphakamo

Ubunzima

112 x 82 x 37 mm

120 g (ibandakanyiwe ibhetri)

Iimeko ezithe lwale:

Iqondo lobushushu

Ukunyakama okuthelekiswayo

Uxinzelelo lwe-Barometric

+10 °C ukuya ku- +40 °C

15 % ukuya ku-95 %, ayihlangani

700 ukuya ku-1060 hPa

Uthutho nemiqathango yokugcina:

Iqondo lobushushu

Ukunyakama okuthelekiswayo

Uxinzelelo lwe-Barometric

-20 °C ukuya ku +50 °C

15 % ukuya ku-95 %, ayihlangani

600 ukuya ku-1200 hPa

Ukhuseleko lomfumo:

I-IP 22

Ukuhlelwa koNyango:

Udidid IIa lwesiXhobo soNyango esiSebenzayo

Indawo esetyenziswayo:

Uhlobo lwe-BF (isixhobo sonke)

Udidi lokhuseleko:

Isixhobo seBhetri

Indlela yokusebenza:

Ukusebenza okuqhubekayo

Ubukhulu benkcaso:

70 Pa/L/s at 14 L/s

Umda:

RS-232 (okusetyenziswa kwindlela ye-modem nemveliso

USB 2.0[2]Bluetooth 2.0 (no EDR)[3]GSM

Isibonelelo saMandla oNyango (ukutshaja ibhetri):

WR9QA1200MUNMRVG2773 [2]Model GTM41134-0605

Igalelo 100-240 Vac, 50/60 Hz, 0.3A

Imveliso 5 V, 1.2 A

Ixesha lokusebenza elilindelekileyo le-AM3 yiminyaka emi-5.

I-AM iyangqinelana neziphakamiso ze-ATS/ERS.

Isalathiso

A

Imo yenqwelo-moya [2]11

AM3 GSM [2]6

C

Isiqinisekiso [2]6

D

Isibhengezo sokuVumelanisa [2]5

Umboniso [2]6

Isixhobo somlomo esilahlwayo [2]22

F

FEV1 [2]15

FVC [2]15

G

GSM [2]18[3], [4]28[5], [6]29[7], [8]31[9], [10]34

M

Ukugqithiselwa ngesandla [2]10

O

Off [2]6

Imilinganiselo enokuKhethwa [2]17

ukubonelelwa ngamandla okuqala [2]18

P

Imitha yokuHamba yeNcam [2]6

PEF [2]14

Imilinganiselo ye-PEF [2]15

Ulawulo lwaMandla [2]18

S

Isgedyuli eLungiselweyo [2]16

Skrola uhle [2]6

Skrola unyuke [2]6

Isiciko sokuvala [2]12

T

Imenyu yokuDlulisela [2]8

Isishwankathelo sokudlulisela [2]10

U

Imilinganiselo Elungiselelweyo/nenokuKhethwa [2]17

© 2014 eResearchTechnology GmbH okanye omnye wamanyene nayo.

Wonke amalungelo agciniwe

eResearchTechnology GmbH

Sieboldstrasse 3

97230 Estenfeld, Germany

+49 9305 720-9891[2]umnxeba

+49 9305 720-7891[2]ifeksi

Inguqulelo 01.00 • Umhla 27MEYI2014

Inguqulelo 01.00 • Umhla 27MEYI2014

Iphepha [2]/36

Iphepha [2]/36